PTO/SB/01. 02 & 04 COMBINED (08-09) AW (10-03)

	RATION/	Attorney Deck	et Number: MAT	1-240US	)	
POWER O	First Named In	ventor: Shad	omin Samuel Mo	et al.		
FOR UTILITY OR DESIGN PATENT APPLICATION			COMPLETE IF KNOWN			
PAICINIA	PPLICATION	Application Num	ber: To B	e Assigned		
Declaration Declar		lemental Filing Date:	Here	with		
With Initial Filing (		retion FR 1.67) An Unit	ТоВ	e Assigned		
(37 CFR 1.63) require		Examiner Name	: To 8	e Assigned		
I hereby declare that:		as stated below must to the	nir nama		· .	
Each inventor's residence, mailing I believe the inventor(s) named be				d and for which	n a patent is	
sought on the invention entitled:						
METHODS AND APPARATUS	S FOR GENERATING AN	D PROCESSING WIDEBANI	SIGNALS HAVING	REDUCED		
DISCRETE POWER SPECTR	IAL DENSITY COMPONE	ENTS				
		(Title of the Invention)				
the specification of which						
is attached hereto						
OR						
was filed on (MM/DD/YY	YY) as United Stat	es Application or PCT Internal	tional Application Num	nber		
and was amended on (MM/DD/Y) identified specification, including the	↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	I hereby state that I have rev any amendment specifically re	iewed and understand eferred to above.	i the contents o	of the above	
I acknowledge the duty to disclose	information which is mate	erial to patentability as defined	in 37 CFR 1.56, inclu	ding for continu	lation-in-part	
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified C	opy Attached? No	
			П			

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby appoint:					
Practitioners at Customer Number <u>23122</u>					
OR					
Practitioner(s) named below:					
Name			Registration Number		
as my/our attorney(s) or agent(s) to Patent and Trademark Office connect	prosecute the application ided therewith.	entified above, and	to transact al	business in the United States	
Direct all correspondence to:	Practitioners Customer N	umber listed above	OR		
Direct all collections to:	<u>-</u>		•••		
	Correspondence Address	Palow			
Name:					
Address:					
City:	State:		Zip:		
Country:	Telephone:		Fax:		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
Name of Sole or First Inve	☐ A Petition has t	Petition has been filed for this unsigned inventor.			
Given Name (first and m	Family Name or Surname				
Shaomin Sam	Мо				
Inventor's Signature Shacin S. Mo			Date: <u>Mar. 31. 2004</u>		
Residence: City: Monmouth Junction	n State: NJ	Country: US		Cldzenship: US	
Mailing Address: 56 John Court					
Mailing Address:					
Ity: Monmouth Junction State: NJ ZIp: 08852 Country: US			ntry: US		
Additional inventors are listed on the next page.					

Name of Second Inventor:		A Petition has been filed for this unsigned Inventor.		
Given Name (first and middle (if any))		Family Name or Surname		
Divaydeep			Slkri	
Inventor's Signature			Date:	
Residence: City: Harrison	State: NJ	Country: US	Citizenship: India	
Mailing Address: 105 Frank E. Rodgers N	lorth Boulevard			
Mailing Address: Apartment 8				
City: Harrison	State: NJ	ZIp: 07029	Country: US	
Name of Third Inventor:		A Petition has been file	d for this unsigned inventor.	
Given Name (first and middle (	(if any))	Family	Name or Surname	
Alexander D.		Gelman		
Inventor's Signature			Date:	
Residence: City: Smallwood	State: NY Country: US C		Citizenship: US	
Malling Address: 158 Pine Grove Road				
Malling Address:				
City: Smallwood	State: NY	Zip: 12778	Country: US	
Name of Fourth Inventor:		A Petition has been filed for this unsigned inventor.		
Given Name (first and middle (if any))		Family Name or Surname		
Alexander M.		Haimovich		
Inventor's Signature			Date:	
Residence: City: North Brunswick	State: NJ	Country: US	Citizenship: US	
Mailing Address: 6 Hidden Lake Drive	1			
Mailing Address:				
City: North Brunswick State: NJ		Zip: 08902	Country: US	
Additional inventors are listed on	Supplemental Sh	eet(s).		

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•		P	TO/SB/01, 02 & 04 COMBINED (08-09) AW (10-0
	DECLARATION/	Attomey Docket Number:	MATI-240US
POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION		First Named Inventor:	Shaomin Samuel Mo et al.
		COMPLETE IF KNOWN	
		Application Number:	To Be Assigned
Declaration Submitted With Initial Filing (surcharge Filing (37 CFR 1.16 (e)) (37 CFR 1.63)  Declaration Supplemental Declaration (37 CFR 1.67) Filing (surcharge (37 CFR 1.66)) required)		Filing Date:	Herewith
		Art Unit	To Be Assigned
		Examiner Name;	To Be Assigned
I believe the	lare that: it's residence, mailing address, and citizenship are as stated inventor(s) named below to be the original and first inventor a invention entitled:		s dalmed and for which a patent is
	OS AND APPARATUS FOR GENERATING AND PROCES TE POWER SPECTRAL DENSITY COMPONENTS	SING WIDEBAND SIGNALS H	AVING REDUCED

(Title of the Invention) the specification of which M is attached hereto OR was filed on (MM/DD/YYYY) \_\_\_\_\_ as United States Application or PCT International Application Number and was amended on (MM/DD/YYYY) \_ \_\_\_\_ (If applicable). I hereby state that I have reviewed and understand the contents of the above

identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date	Priority Not	Certified Copy Attached?	
	(MM/DD/YYYY) Claimed		Yes	No	
' '					
·					
Additional foreign application numbers ar					

[Page 1]

filing date of the continuation-in-part application.

I hereby appoint:  Practitioners at Custome OR	r Number <u>23122</u>				
Practitioner(s) named below:					
Name			Regi	stration Number	
			<del></del>		
as my/our attorney(s) or agent(s) or Patent and Trademark Office conne	to prosecute the application cted therewith.	identified above, and s	to transact a	all business in the United States	
Direct all correspondence to:	Practitioners Customer Correspondence Addres	·	OR		
Name:					
Address:					
City:	State:		Zíp:	-	
Country:	Telephone:	Telephone: Fax:			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
Name of Sole or First Inve	☐ A Petition has be	☐ A Petition has been filed for this unsigned inventor.			
Given Name (first and r	niddle (if any))	Family Name or Surname			
Shaomin Sar	nuel	Мо			
Inventor's Signature	Date:				
Residence: City: Manmouth Juncti	on State: NJ	State: NJ Country: US		Citizenship: US	
Mailing Address: 56 John Court					
Mailing Address:					
City: Monmouth Junction State: NJ Zip: 08852 Country: US				itry: US	
Additional inventors are liste	d on the next page.				

[Page 2]

Name of Second Inventor:		A Petition has been filed for this unsigned inventor.		
Given Name (first and middle (if any))		Family Name or Surname		
Divaydeep			Sikri	
Inventor's Signature			Date: 03/31/04	
Residence: City: Harrison	State: NJ	Country: US	Citizenship: India	
Mailing Address: 105 Frank E. Rodgers	North Boulevard			
Malling Address: Apartment 8				
City: Harrison	State: NJ	ZIp: 07029	Country: US	
Name of Third Inventor:		A Petition has been file	ed for this unsigned inventor.	
Given Name (first and middle	(If any))	Family	/ Name or Surname	
Alexander D.			Gelman	
Inventor's Signature		0	Date:	
Residence: City: Smallwood	State: NY	Country: US	Cltizenship: US	
Mailing Address: 158 Pine Grove Road				
Mailing Address:				
City: Smallwood	State: NY	Zip: 12778 Country: US		
Name of Fourth Inventor:		A Petition has been filed for this unsigned inventor.		
Given Name (first and middle (if any))		Family Name or Surname		
Alexander M.		Haimovich		
Inventor's Signature A. Hums			Date: 03/31/04	
Residence: City: North Brunswick	State: NJ	Country: US	Citizenship: US	
Mailing Address: 6 Hidden Lake Drive				
Mailing Address:				
City: North Brunswick	y: North Brunswick State: NJ Zip: 08902 Country: US		Country: US	
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